

CHAPTER 10.0

ABBREVIATIONS

AAQS	Ambient Air Quality Standards
AB	Assembly Bill
ACHP	Advisory Council on Historic Preservation
ADA	Americans with Disability Act
ADT	average daily traffic
ADT	average daily traffic
APE	area of potential effects
AQMP	Air Quality Management Plan
ARB	Air Resources Board
ASBS	Area of Special Biological Significance
Basin Plan	<i>Water Quality Control Plan for the San Diego Basin</i>
BFE	Base Flood Elevation
bgs	below ground surface
BMP	best management practice
BNSF	Burlington Northern Santa Fe Railway
BSA	Biological Study Area for SELRP
BTR	Biological Resources Technical Report
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAL FIRE	California Department of Forestry and Fire Protection
Caltrans	California Department of Transportation
CAMUTCD	California Manual of Uniform Traffic Control Devices
CAP	Climate Action Plan
CBF	cobble blocking features
CCA	California Coastal Act
CCAA	California Clean Air Act
CCC	California Coastal Commission
CCR	California Code of Regulations
CCSTWS	Coast of California Storm and Tidal Wave Study
CDFG	California Department of Fish and Game (currently CDFW)
CDFW	California Department of Fish and Wildlife (previously CDFG)
CDMG	California Division of Mines and Geology
CDP	Coastal Development Permit
CEDAS	Coastal Engineering Design and Analysis System

CEQ	Council for Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CIDH	cast-in-drilled-hole
CLOMR	Conditional Letter of Map Revision
CMP	Congestion Management Plan
CNEL	community noise equivalent level
CNG	compressed natural gas
CNPS	California Native Plant Society
Corps	U.S. Army Corps of Engineers
County DPR	County of San Diego Department of Parks and Recreation
County	County of San Diego
CRA	California Resources Agency
CRHR	California Register of Historic Resources
CSC	California Species of Special Concern
CSCC	California State Coastal Conservancy
CWA	Clean Water Act
CZMA	Coastal Zone Management Act
DA	Department of the Army
DBW	California Department of Boating and Waterways
DHS	Department of Health Services
DNL	Day/night average sound level
DOC	California Department of Conservation
DOI	U.S. Department of the Interior
DOT	U.S. Department of Transportation
DPH	Department of Public Health
EA	Environmental Assessment
EFH	essential fish habitat
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
ENSO	El Nino-Southern Oscillation
EPA	U.S. Environmental Protection Agency
ERL	Effects Range – Low
ERM	Effects Range – Median
ESA	Endangered Species Act
ESHA	Environmentally Sensitive Habitat Areas
FBFM	Flood Boundary and Floodway Map
FEMA	Federal Emergency Management Agency

FHWA	Federal Highway Administration
FIRM	Federal Insurance Rate Map
FTA	Federal Transit Administration
GHG	Greenhouse gas
GPS	Global Positioning System
GWP	global warming potential
HA	Hydrologic Area
HAPC	Habitat Area of Particular Concern
HCM	Highway Capacity Manual
HDPE	high-density polyethylene
HU	Hydraulic Unit
HUD	U.S. Department of Housing and Urban Development
I-5	Interstate 5
IPCC	Intergovernmental Panel of Climate Change
ITM	Inland Testing Manual
ITP	incidental take permit
JPA	Joint Powers Authority
lagoon	San Elijo Lagoon
LCFS	Low Carbon Fuel Standard
LCFS	low carbon fuel standard
LCP	Local Coastal Plan
LEDPA	Least Environmentally Damaging Practicable Alternative
LNG	liquefied natural gas
LOMR	Letter of Map Revision
LOS	level of service
LOSSAN	Los Angeles to San Diego Rail Corridor Improvements Project
LUP	Land Use Plan
M&N	Moffatt & Nichol Engineers
MBTA	Migratory Bird Treaty Act
MHCP	Multiple Habitat Conservation Program
MHTL	mean high tide line
MLD	Most Likely Descendent
MLLW	mean lower low water level
MLPA	Marine Life Protection Act
MOA	Memorandum of Agreement
MPA	Marine Protection Act
MPN	most probable number
MPRSA	Marine Protection, Research, and Sanctuaries Act
MSCP	Multiple Species Conservation Program

msl	mean sea level
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NARA	National Archives and Records Administration
NB	northbound
NCTD	North County Transit District
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program
NGVD	National Geodetic Vertical Datum
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NOD	Notice of Determination
NOI	Notice of Intent
NOP	Notice of Preparation
North County MSCP	North County Multiple Species Conservation Program
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSF	National Science Foundation
ODM	Ocean Disposal Manual
OFR	Office of the Federal Registrar
OMWD	Olivenhain Municipal Water District
OPR	Office of Planning and Research
OSCP	Oil Spill Contingency Plan
OSHA	Occupational Safety and Health Administration
OVA	organic vapor analyzer
PA	Programmatic Agreement
PADI	Professional Association of Diving Instructors
PCE	Passenger Car Equivalence
PCE	Primary Constituent Element
PDF	Project Design Feature
PRC	Public Resources Code
RAQS	Regional Air Quality Strategy
RBSP	Regional Beach Sand Project
Reserve	San Elijo Lagoon Ecological Reserve
ROD	Record of Decision
ROW	right of way

RPS	renewable portfolio standard
RSM	Regional Sediment Management
RWQCB	Regional Water Quality Control Board
SANDAG	San Diego Association of Governments
SANTEC	San Diego Traffic Engineers' Council
SAP	Sampling and Analysis Plan
SB	southbound
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District
SCC	State Coastal Conservancy
SCE	Southern California Edison
SCIC	South Coastal Information Center
SCOUP	Sand Compatibility and Opportunistic Use Program
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SDCVCP	San Diego County Vector Control Program
SDED	Supplemental Draft Environmental Document
SDG&E	San Diego Gas & Electric
SDNR	San Diego Northern Railway
SDUPD	San Diego Unified Port District
SELC	San Elijo Lagoon Conservancy
SELRP	San Elijo Lagoon Restoration Project
SEWRD	San Elijo Water Reclamation Facility
SFHA	Special Flood Hazard Area
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SLC	State Lands Commission
SMARA	Surface Mining and Reclamation Act
SMCA	State Marine Conservation Area
SMGB	State Mining and Geology Board
SPCC	Spill Prevention Control and Countermeasure Plan
SQG	sediment quality guidelines
SRA	Source/Receptor Area
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	Toxic Air Contaminant
TDS	total dissolved solids
THPO	Tribal Historic Preservation Officer
TMDL	total maximum daily load

USC	United States Code
USCG	U.S. Coast Guard
USFWS	U.S. Fish and Wildlife Service
v/c	volume-to-capacity
VMT	vehicle miles travelled
WQO	water quality objective

Chemical Abbreviations

CH ₄	methane
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichloroethylene
DDT	dichlorodiphenyltrichloroethane
DO	dissolved oxygen
HFC	hydroflourocarbons
N+N	nitrite and nitrate
NO	nitric oxide
N ₂ O	nitrous oxide
NO ₂	nitrogen dioxide
NO _x	nitrogen oxide
O ₃	ozone
Pb	lead
PCB	polychlorinated biphenyl
PFC	perfluorocarbons
PPM	parts per million
PM _{2.5}	particulate matter 2.5 micrometers or less
PM ₁₀	particulate matter 10 micrometers or less
ROG	reactive organic gas
SF ₆	sulfur hexafluoride
SO ₂	sulfur dioxide
TN	total nitrogen
TP	total phosphorus
TSS	total suspended solids
VOC	volatile organic compound

Units of Measurement

cfs	cubic feet per second
cy	cubic yard
cy/yr	cubic yards per year
dB	decibel
dBA	decibel on the A-weighted scale
ft	feet
ft/sec	feet per second
hp	horsepower
Hz	hertz
km	kilometer
kWh	kilowatt hour
kVA	kilovolt ampere
kV	kilovolt
L _{dn}	day-night average noise level
L _{eq}	equivalent noise level
mcy	million cubic yard
mgd	million gallons per day
mg/L	milligrams per liter
ml	milliliters
mm	millimeters
mpg	miles per gallon
mph	miles per hour
MT	million tons
NTU	nephelometric turbidity unit
ppm	parts per million
ppt	parts per thousand
μm	microns
μg/kg	micrograms per kilogram
μg/L	micrograms per liter

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